Congratulations! You are the *Eggs partner*! Please solve the problem below:

Nicolas is helping to paint a wall at a park near his house as part of a community service project. He had painted half of the wall yellow when the park director walked by and said:

"This wall is supposed to be painted red."

Nicolas immediately started painting over the yellow portion of the wall. By the end of the day, he had repainted 5/6 of the yellow portion red. What fraction of the entire wall is painted red at the end of the day?

Please read, study, and think about the problem below:

Aunt Barb's Salad Dressing Recipe
• 1/3 cup olive oil • 1/6 cup balsamic vinegar • A pinch of herbs • A pinch of salt Makes 6 servings

a. How many cups of salad dressing will this recipe make? Write an equation to represent your thinking. Assume that herbs and salt do not change the amount of dressing.

b. If this recipe makes 6 servings, how much dressing would there be in one serving? Write a number sentence to represent your thinking.

Eggs Partner_____ Bacon Partner_____

Reading and Understanding a Mathematics Problem

Step 1. Read the problem out loud to a peer. Try to answer this question

What's the problem about?

Step 2. Read the problem again. Talk to your partner about these questions:

What is the **item a** asking?

What is the **item b** asking?

Step 3. Read the problem a third time. Talk to your partner about these questions.

What information do you need to solve the problem? (What do you want to know?)

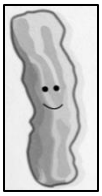
What information do you have? (What do you know?)

What information are you missing? (What don't you know?)

Create a representation of the problem in **item a** and label all of the information that you know.

Create a representation of the problem in **item b** and label all of the information that you know.

Step 4. Draw an additional representation, act the problem out, or use objects to represent the problem situation.



Congratulations! You are the *Bacon partner*! Please solve the problem below, be sure to show your work.

Nicolas is helping to paint a wall at a park near his house as part of a community service project. He had painted half of the wall yellow when the park director walked by and said:

"This wall is supposed to be painted red."

Nicolas immediately started painting over the yellow portion of the wall. By the end of the day, he had repainted 5/6 of the yellow portion red. What fraction of the entire wall is painted red at the end of the day?

Bacon Partner_____ Eggs Partner_____

Mathematically Speaking

✓ Solve the problem. Show your work.

Explain your thinking, strategies, and solution to you partner. Use the target words in your explanation.

Listen to your partner's response and make a tally for each time he or she uses the target vocabulary.

Target Words	Tally (how many times used)
equal	
since	
whole	
part	
because	